Table 4:

Reading Center Team quantitative agreement during four serial OCT evaluations

Variable	Times	Statistic	Value at Time 1	Value at Repeat Grading	Paired Difference	P-Value*	Intraclass Correlation (95% CI)
RPE Elevation Height - maximum vertical dimension on any scan	1-2	N			21**		
		Mean (SD)	122 (84)	134 (89)	-7 (26)	0.215	0.95 (0.89, 0.98)
		Min,Median,Max	22,93,407	55,99,440	-55,0,44		
	1-3	N			22**		
		Mean (SD)	122 (84)	133 (91)	-11 (23)	0.021	0.96 (0.90, 0.98)
		Min,Median,Max	22,93,407	33,104,418	-55,-11,44		
	1-4	N			22**		
		Mean (SD)	122 (84)	135 (81)	-12 (26)	0.041	0.94. 0.87, 0.98
		Min,Median,Max	22,93,407	55,110,396	-66,-16,44		
RPE Elevation Width - maximum horizontal dimension on any scan	1-2	N			20**		
		Mean (SD)	730 (520)	898 (646)	-146 (488)	0.237	0.64 (0.29, 0.84)
		Min,Median,Max	110,616,2068	110,880,2310	-1320,-27,605		
	1-3	N			20**		
		Mean (SD)	730 (520)	749 (461)	-32 (331)	0.821	0.78 (0.53, 0.90)
		Min,Median,Max	110,616,2068	88,632,1595	-880,-5,495		
	1-4	N			21**		
		Mean (SD)	730 (520)	825 (495)	-108 (325)	0.151	0.78 (0.54, 0.90)
		Min,Median,Max	110,616,2068	121,638,1760	-968,-66,528		
Mean Retinal Thickness at Foveal Center Point (micrometers)	1-2	N			23		
		Mean (SD)	162 (50)	162 (46)	-0.2 (13)	0.880	0.97 (0.92, 0.99)
		Min,Median,Max	48,148,304	57,150,302	-26,0,26		
	1-3	N			23		
		Mean (SD)	162 (50)	163 (46)	-0.7 (12)	0.757	0.97 (0.93, 0.99)
		Min,Median,Max	48,148,304	55,156,299	-22,-2,20		
	1-4	N			23		
		Mean (SD)	162 (50)	165 (45)	-0.7 (12)	0.757	0.95 (0.90, 0.98)
		Min,Median,Max	48,148,304	71,152,304	-22,-2,20		
Mean Subretinal Fluid Thickness at Foveal Center Point (micrometers)	1-2	N			23		

Reading Center Team quantitative agreement during four serial OCT evaluations

Variable	Times	Statistic	Value at Time 1	Value at Repeat Grading	Paired Difference	P-Value*	Intraclass Correlation (95% CI)
		Mean (SD)	4 (13)	4 (13)	-0.1 (0.4)	1.000	1.00 (1.00. 1.00)
		Min,Median,Max	0,0,60	0,0,60	-2,0,0		
	1-3	N			23		
		Mean (SD)	0,0,60	4 (13)	-0.4 (3)	1.000	0.98 (0.94, 0.99)
		Min,Median,Max	4 (13)	0,0,57	-13,0,4		
	1-4	N			23		
		Mean (SD)	4 (13)	4 (13)	0 (0)		1.00
		Min,Median,Max	0,0,60	0,0,60	0,0,0		
CNV-PED Complex Thickness at Foveal Center Point (micrometers)	1-2	N			23		
		Mean (SD)	103 (102)	106 (102)	-2 (21)	0.730	0.98 (0.95, 0.99)
		Min,Median,Max	33,49,433	24,59,423	-48,0,28		
	1-3	N			23		
		Mean (SD)	103 (102)	112 (101)	-9 (22)	0.108	0.97 (0.94, 0.99)
		Min,Median,Max	33,49,433	31,60,434	-79,-9,16		
	1-4	N			23		
		Mean (SD)	103 (102)	104 (99)	-0.9 (22)	0.935	0.98 (0.95, 0.99)
		Min,Median,Max	33,49,433	31,53,412	-51,4,37		
Mean Total Thickness at Foveal Center Point (micrometers)	1-2	N			23		
		Mean (SD)	269 (113)	272 (115)	-3 (28)	0.713	0.97 (0.94, 0.99)
		Min,Median,Max	160, 234, 546	149, 231, 578	-73,0,35		
	1-3	N			23		
		Mean (SD)	270 (113)	279 (110)	-10 (25)	0.092	0.97 (0.94, 0.99)
		Min,Median,Max	160, 234, 546	161, 233,563	-83,-9.,26		
	1-4	N			23		
		Mean (SD)	269 (113)	273 (106)	-4 (26)	0.778	0.97 (0.94, 0.99)
		Min,Median,Max	160, 234, 546	172, 226, 546	-70,0,29		

OCT = optical coherence tomography. RPE = retinal pigment epithelium. CNV-PED complex = Mean RPE + RPE Elevation + Subretinal Hyper Reflective Material thickness. CI = confidence interval. For this ongoing analysis, 23 randomly selected scans uploaded July 2009 were reevaluated by a repeat grading team at each of the following time points after baseline: time 1 = 3 months, time 2 = 8 months, and time 3 = 12 months. After repeat grading, values were compared to those from initial grading. A repeat grading team was comprised of a Senior Reader and two readers who had not initially graded a particular scan.RPE = retinal pigment epithelium.*P-value based on Wilcoxon signed rank test of median difference equal to zero.**RPE elevation not present on every scan for measurement.